

Work Order ID 144916

April 27, 2016 3:14:24 PM

144916

Page 1

Item ID: D412-704-141 Accept *N900040100* Setup Start *NS1*

Revision ID: Stop *NS2*

Item Name: Pedal Assembly

Start Date: 4/28/2016 Start Qty: 1.00 *1*

Required Date: 5/10/2016 Req'd Qty: 1.00 *1*

Reference: Cust Item ID: Customer:

Approvals: Process Plan: SLA Date: 20160427 Tooling: Date:

QC: Date: SPC (Y/N): Date:

Run Start *NR1*

Stop *NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
D412-704-141	A								
100	Pick Kit	0.00							
100									
Packaging	Memo	0.00							
Packaging									
110		0.00							
110									
Small Fab	Memo	1.02							
Small Fab	ASSEMBLE AS PER DWG								
120	QC5- Inspect part completeness to step on W/O	0.00							
120									
QC	Memo	0.02							
Quality Control									

DAS
6
8-09

MAY 1 2016

1

FF

MAY 12 2016

1

DAS
38
9-09

MAY 13 2016

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS <table style="width:100%; border: none;"> <tr> <td style="width:12.5%;">Skid-tube ☐</td> <td style="width:12.5%;">Cross tube ☐</td> <td style="width:12.5%;">Water Jet ☐</td> <td style="width:12.5%;">Engineering ☐</td> </tr> <tr> <td>Machining ☐</td> <td>Small Fab ☐</td> <td>Prod. Eng. Coord. ☐</td> <td>Quality ☐</td> </tr> <tr> <td>Thermoforming ☐</td> <td>Finishing ☐</td> <td>Rec/Store/Packaging ☐</td> <td>Other ☐</td> </tr> <tr> <td>Large Fab ☐</td> <td>Composite ☐</td> <td>Supplier ☐</td> <td></td> </tr> </table>						Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐																																							
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Large Fab ☐	Composite ☐	Supplier ☐																																																													
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval																																																								
Description Work Order Deviation				Disposition				Completed By																																																							
								Lead hand / Supervisor Approval Verification																																																							
										QC / QA Coordinator Approval																																																					
Root Cause		FAULT CATEGORY																																																													
Environment ☐	Design ☐	Doc/Data ☐	Equip/Tooling ☐	Handling/Pre ☐	Material ☐	Internal Transport ☐	Tribal Knowledge ☐	LOA ☐	Substation ☐	Past Expiry Date ☐	Misidentified ☐	No Re-verification ☐	Operator ☐	Offset/Setup ☐	Supplier ☐	Training ☐	Use for Testing ☐	Poor Information ☐	Rushing ☐	Product Improvement ☐	Process Improvement ☐	Manufacturing Process ☐	Past Due ☐	Pressure/Forced ☐	Bending ☐	Centre Not Concentric ☐	Cracks ☐	Crimp/Kink/Ripple/Wave ☐	Cuffs ☐	Crushing ☐	Heat Treat ☐	Wave/Twist in Tube ☐	Marks/Chatter ☐	Temperature/Cure ☐	Set-up ☐	BOM/Route ☐	Broken/Damage/Defect ☐	Inspection Incomplete/Unqualified ☐	Contamination ☐	Countersink ☐	Cut Too Short ☐	Instructions Incomplete/Unclear ☐	Drill Holes ☐	Power Loss/Surge ☐	Folio/Program ☐	Grain ☐	Weld ☐	Wrong Stock Pulled ☐	Out of Sequence ☐	Off-set ☐	Mislabeled ☐	Fit/Function ☐	Misaligned/off center ☐	Positioned Wrong ☐	Outside Dimensions ☐	Over/Under tolerance ☐	Part Incorrect ☐	Part Lost/Missing ☐	Part Moved ☐	Drawing ☐	Finish ☐	Misread ☐	Turning Sequence ☐
																								OTHER : ☐																																							

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Item ID: D412-704-141

Accept

N900040100

Setup Start

NS1

Revision ID:

Item Name: Pedal Assembly

Stop

NS2

Start Date: 4/28/2016 Start Qty: 1.00

1

Cust Item ID:

Required Date: 5/10/2016 Req'd Qty: 1.00

1

Customer:

Reference:

Approvals:

Process Plan:

Date:

Tooling:

Date:

Run

Start

NR1

QC:

Date:

SPC (Y/N):

Date:

Stop

NR2

Sequence ID/
Work Center ID

Operation
Description

Set Up/
Run Hours

Tool ID

Tool #

Plan
Code

Accept
Qty

Reject
Qty

Reject
Number

Insp.
Stamp

130

Identify as per dwg & Stock Location SX

0.00

130

Packaging

Memo

0.01

Packaging

0.00
0.01

MAY 13 2016

140

QC21- Final Inspection - Work Order Release

0.00

140

QC

Memo

0.10

Quality Control

MCS

MAY 13 2016

MCS

MAY 13 2016

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval Completed By _____ Lead hand / Supervisor Approval Verification _____ QC / QA Coordinator Approval _____		
Description Work Order Deviation				Disposition					
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐							
		OTHER : ☐							

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Work Order ID: 144916

144916

Parent Item: D412-704-141

D412-704-141

Parent Item Name: Pedal Assembly

Start Date: 4/28/2016

Required Date: 5/10/2016

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP REV:A NEW ISSUE 12-03-21 JLM VERIFIED BY:EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D3204-041		Manufactured	No				Each	0.0000		1		DAS 30 9-89	MAY 12 2016
D3204-041									**	①			
Release Pedal Assembly													
D3205-1		Manufactured	No				Each	4.0000		1		DAS 30 9-89	MAY 12 2016
D3205-1									**				
Pedal Bracket													
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				GA		4							
					141550	4							
D3205-3		Manufactured	No				Each	4.0000		1		DAS 30 9-89	MAY 12 2016
D3205-3									**				
Back Plate													
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				GA		4							
					135626	4							
D3206-1		Manufactured	No				Each	0.0000		1		DAS 30 9-89	MAY 12 2016
D3206-1									**	①			
Pedal Arm													
D3209-041		Manufactured	No				Each	6.0000		1		DAS 30 9-89	MAY 12 2016
D3209-041									**				
Bracket Assembly													
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				GA		6							
					135476	1							
					142253	5							

B 144949

B 142663

8

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Parent Item: D412-704-141

D412-704-141

Parent Item Name: Pedal Assembly

Start Date: 4/28/2016

Required Date: 5/10/2016

Start Qty: 1.00

Required Qty: 1.00

D4610-5

Manufactured No

Each

22.0000

1

D4610-5

Shim

DAS
6
8-89

Location

Loc Qty

Loc Code

ST112

22

142240

22

Each

25.0000

1

Manufactured No

D4611-1

D4611-1

Bushing

DAS
6
8-89

Location

Loc Qty

Loc Code

ST112

25

111836

23

97131

2

Each

227.0000

1

Purchased No

AN3-10A

AN3-10A

Bolt

DAS
6
8-89

Location

Loc Qty

Loc Code

GA

41

m132763

1

m134573

40

over003

100

m134249

100

ST349

86

m133992

27

m134573

59

Each

113.0000

1

Purchased No

AN315-4R

AN315-4R

Nut

DAS
6
8-89

Location

Loc Qty

Loc Code

ST331

113

M128978

113

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Work Order ID: 144916

144916

Parent Item: D412-704-141

D412-704-141

Parent Item Name: Pedal Assembly

Start Date: 4/28/2016

Required Date: 5/10/2016

Start Qty: 1.00

Required Qty: 1.00

AN4-10A

Purchased

No

Each

78.0000

1

AN4-10A

Bolt

Location

Loc Qty

Loc Code

CA

13

M129682

13

ST345

65

131677

5

M133234

60

AN4-12A

Purchased

No

Each

194.0000

2

AN4-12A

Bolt

Location

Loc Qty

Loc Code

FG

10

120423

10

over003

125

m134606

125

ST344

59

m134180

59

MS20002-4

Purchased

No

Each

76.0000

1

MS20002-4

WASHER

Location

Loc Qty

Loc Code

ST314

76

121114

76

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Work Order ID: 144916

144916

Parent Item: D412-704-141

D412-704-141

Parent Item Name: Pedal Assembly

Start Date: 4/28/2016

Required Date: 5/10/2016

Start Qty: 1.00

Required Qty: 1.00

MS20004-24

Purchased

No

Each

18.0000

1

MS20004-24

Bolt

Location

Loc Qty

Loc Code

ST314

18

m127304

8

m134537

10

MS21042L3

Purchased

No

Each

2,055.000

1

MS21042L3

Nut

Location

Loc Qty

Loc Code

FP001

100

m133790

100

GA

761

m133790

3

m134360

758

ST303

1194

m134039

12

m134360

582

m134634

600

MS21042L4

Purchased

No

Each

1,580.000

5

MS21042L4

Locknut

Location

Loc Qty

Loc Code

GA

283

m133769

283

ST303

1200

m134055

1

m134509

199

m134606

1000

ST305

97

m130922

97

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Work Order ID: 144916

144916

Parent Item: D412-704-141

D412-704-141

Parent Item Name: Pedal Assembly

Start Date: 4/28/2016

Required Date: 5/10/2016

Start Qty: 1.00

Required Qty: 1.00

MS24694-S104

Purchased

No

Each

28.0000

1

MS24694-S104

Screw

DAS
6
9-89

Location

Loc Qty

Loc Code

ST283

28

121090

28

Each

16.0000

1

MS9519-10

Purchased

No

MS9519-10

Bolt

DAS
6
9-89

Location

Loc Qty

Loc Code

GA

8

m133790

8

ST267

8

m129198

1

m134573

7

Each

1,431.000

5

NAS1149D0363J

Purchased

No

NAS1149D0363.J

Washer

MAY 12 2016

DAS
6
9-89

Location

Loc Qty

Loc Code

GA

518

m134055

518

ST263

913

m134606

913

5

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Work Order ID: 144916

144916

Parent Item: D412-704-141

D412-704-141

Parent Item Name: Pedal Assembly

Start Date: 4/28/2016

Required Date: 5/10/2016

Start Qty: 1.00

Required Qty: 1.00

NAS1149D0416J

Purchased

No

Each

4,254.000

2

NAS1149D0416.J

WASHER

DAS
6
9-89

Location

Loc Qty

Loc Code

GA

234

m131511

234

ST260a

1984

m131511

1984

ST264

2036

m131511

2036

2

NAS1149D0463J

Purchased

No

Each

3,078.000

13

NAS1149D0463.J

WASHER

DAS
6
9-89

Location

Loc Qty

Loc Code

GA

328

M132035

21

M134508

307

ST260a

1600

M134508

600

M134634

1000

13

ST263

162

M134039

29

M134573

133

ST269

988

M132317

100

M132677

888

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Work Order ID: 144916

144916

Parent Item: D412-704-141

D412-704-141

Parent Item Name: Pedal Assembly

Start Date: 4/28/2016

Required Date: 5/10/2016

Start Qty: 1.00

Required Qty: 1.00

AN3-6A

Purchased

No

Each

210.0000

2

AN3-6A

**

Bolt

Sp

Location

Loc Qty

Loc Code

over003

175

M134630

75

M134654

100

ST349

35

M134055

35

2

DAS
6
9-89

NAS1149D0332J

Purchased

No

Each

1,426.000

4

NAS1149D0332.J

**

Washer

Sp

Location

Loc Qty

Loc Code

CA

6

m129682

6

FP001

30

m133988

30

GA

88

m132677

88

ST260a

1000

m134502

1000

ST264

302

m133988

302

4

DAS
6
9-89

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Work Order ID: 144916

144916

Parent Item: D412-704-141

D412-704-141

Parent Item Name: Pedal Assembly

Start Date: 4/28/2016

Required Date: 5/10/2016

Start Qty: 1.00

Required Qty: 1.00

MS21042L3

Purchased

No

Each

2,055.000

2

MS21042L3

Nut

SP

Location

Loc Qty

Loc Code

FP001

100

m133790

100

GA

761

m133790

3

m134360

758

ST303

1194

m134039

12

~~m134360~~

582

m134634

600

*2*_____

MAY 12 2016

**6
9-89**